

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2005/000334

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. <sup>7</sup>: A01K 85/01, 85/16; H05B 37/02, 39/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
DWPI: IPC: A01K/-, H05B/-, G05+/-, G06F/-, H03K/- & Keywords: lure, bait, light, lite, led, bulb, diode, circuit, electric, electronic, program, charge, power, battery, computer, cpu, process, ic, control, plc, microchip

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 4205848 A1 (KERNBACH) 2 September 1993 Whole document & Espace abstract	1-8, 16
X, Y	JP 2002199828 A (MICROSTONE KK et al) 16 July 2002 Whole document & Derwent Patent abstract accession no 2002-669906/72, class P14; WO4	1-11 12-17, 20
X	JP 10033089 A (SAKUMA TOSHIAKI) 10 February 1998 Whole document, Espace abstract & Derwent Patent abstract accession no 98-172016/16, class P14	1-28
X Y	US 2002/0073600 A1 (WEST) 20 June 2002 Paragraph 23	28 12-17, 20

☒ Further documents are listed in the continuation of Box C ☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
5 May 2005

Date of mailing of the international search report  
12 MAY 2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4175348 A (RAY) 27 November 1979 Whole document	1-11, 24
X	US 4669213 A (LeROY) 2 June 1987 Whole document	1, 3, 24
X	US 4888905 A (GARR) 26 December 1989 Column 4 line 91 – column 5 line 4	1-11
X	US 5157857 A (LIVINGSTON) 27 October 1992 Whole document	1, 2, 4, 5
X	US 5177891 A (HOLT) 12 January 1993 Whole document	1, 16, 28
X	US 5330282 A (RODGERS) 19 July 1994 Whole document	1-6, 12, 14
X	US 5392555 A (TINGEY) 28 February 1995 Column 3 lines 10 – 63	1-7, 16
X	US 5461815 A (RODGERS) 31 October 1995 Whole document	1, 3, 12, 13
X, Y	US 6581319 B2 (WEST) 24 June 2003 Whole document	1-15
X	US 6647659 B1 (KING et al) 18 November 2003 Column 5 lines 6-35	1-15
P, X	US 6807766 B1 (HUGHES et al) 26 October 2004 Column 3 lines 53 – column 4 line 44	1-15, 28

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### Supplemental Box

(To be used when the space in any of Boxes I to VIII is not sufficient)

#### Continuation of Box No: III

The international application does not comply with the requirements of unity of invention because it does not relate to one invention or to a group of inventions so linked as to form a single general inventive concept. In coming to this conclusion the International Searching Authority has found that there are different inventions as follows:

1. Claims 1-27 are directed to a fishing lure including a control circuit which controls the supply of power to the illumination means. It is considered that this feature comprises a first "special technical feature".
2. Claim 28 is directed to a fishing lure system including a control circuit which is programmable and a programming means to program the circuit. It is considered that programmability of the control circuit comprises a second special technical feature.

These groups are not so linked as to form a single general inventive concept, that is, they do not have any common inventive features, which define a contribution over the prior art. The common concept linking together these groups of claims is the control circuit. However this concept is not novel in the light of the art cited in the Search Report. Therefore these claims lack unity a posteriori.

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/AU2005/000334**

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member				
DE	4205848	NONE					
JP	2002199828	NONE					
JP	10033089	NONE					
US	6581319	CN	1509139	EP	1406490	US	6665976
		US	6789347	US	6804909	US	2002073600
		US	2002104250	WO	03007707		
US	5157857	NONE					
US	4888905	US	4727674				
US	4669213	NONE					
US	4175348	NONE					
US	5177891	NONE					
US	5330282	US	5339294	US	5461815	US	5622422
		US	5697182	US	5903212	US	5989091
		US	6158872	US	6267485		
US	6647659	NONE					
US	2002/0073600	CN	1509139	EP	1406490	US	6665976
		US	6789347	US	6804909		
		US	2002104250	WO	03007707		
US	5392555	NONE					
US	5461815	US	5330282	US	5339294	US	5461815
		US	5622422	US	5697182	US	5903212
		US	5989091	US	6158872	US	6267485
US	6581319	CN	1509139	EP	1406490	US	6665976
		US	6789347	US	6804909	US	2002/0073600
		WO	03007707	US	2002104250		
US	6807766	NONE					

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX

## INTERNATIONAL SEARCH REPORT

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### Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

### Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

See supplement sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.